

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB



An ARRL Special Service Club

August 1989

Next Meeting August 9, 1989

Field Day 1989 "Sitting On Top Of The World"

By John Salisbury, KB7DHR

Seven hardy hams again made the annual Field Day trip to Triangulation Point, a 3800 foot coast range peak. John Liebenrood, K7RO, Ellis Dupuy, K7ET, Marty McKillip, KD7LA, John Koenig, NB7W, Jeff Schultz, KQ7I, Dave Morrison, W7JXU, and I all took Friday off and headed out. Our destination was an abandoned state fire lookout about fifteen miles northeast of Tillamook. We put up six antennas. First was a 20 meter three element Yagi beam antenna atop a 35 foot aluminum tower. Second, on the same tower was a 10 meter Yagi beam antenna attached at about 30 feet. We all had a scare when the wind kicked up Friday afternoon as KQ7I was attempting to attach the 10 meter beam. The tower swayed noticeably, KQ7I clambered down, and, after we had thoroughly reguied the tower, KQ7I went back up and finished the job. Then came an elaborate 3 element 15 meter delta loop antenna up about 30 feet. This antenna, created by NB7W, was a beautiful sight, held up by two 35 foot TV masts, and was a top performer. We also had a 2 element 40 meter wire antenna up 40 feet and a 80 meter wire Yagi up about 25 feet. W7JXU also made 18 QSO's on a 6 element, 6 meter Yagi.

We operated in the 2A class, two stations with identical ICOM 751A's, one station for 80, 20 and 10 and the other for 40, 15 and 6. K7ET, an avid and indefatigable contester, worked cw all night long, which greatly helped raise the claimed score to over 6000 points with over 1900 QSO's.

Other things happened which deserve mention. Late Saturday afternoon W7JXU and I were looking out to the east at the numerous hills and valleys in the coast range when he turned to me and said, "Wouldn't it be great if we were to see an elk herd out there?" Less than one minute later we spotted a group of about 10 grazing elk about 300 yards away. Later Saturday a pilot friend of KD7LA's circled our site several times in a Moonie airplane while chatting with KD7LA via Cellular telephone. Finally, we got extra points for sending traffic to ARRL Section

Manager, KZ7T for charging our batteries from one of NB7W's wind machine propellers, and for copying the W1AW bulletin.

Field Day 1989 was a great experience for me, a guy who is fairly new to ham radios. Without a doubt there was a furthering of at least two of the FCC-stated purposes of ham radio, the "extension of the amateur's proven ability to contribute to the advancement of the radio art" and the "expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts." I hope I will always approach Field Day with as much gusto as our group did in 1989.

OTVARC Club Emergency Procedures To Be Defined

By Chris Black, N7MWL

By way of introduction, I arrived in Oregon a couple of months ago and joined OTVARC during the Seaside convention.

I was licensed earlier this year, although I have been interested in all forms of radio including shortwave and VHF/UHF listening for several years.

Since I am a Washington county A.R.E.S. member and Club Assistant Coordinator, Ray Deeth (K7VDQ) gave me the opportunity to help develop our own club emergency procedures.

Any member with an interest in emergency communications can contact me with ideas and comments. All participation, at any interest level, is needed and appreciated.

With upcoming articles in this newsletter I will inform OTVARC on A.R.E.S. activities as well as news from the Washington County of Emergency Management.

Please fill out the form on page 5 and bring it to the next meeting, or mail it directly to me at 39 Walking Woods Drive, Lake Oswego, Oregon, 97035.

DX For Beginners And Others

By Greg Milnes, W7AGQ

I had a great time at SEAPAC 89! I hope you did too but if you weren't able to make it, plan to attend next year in early June.

I enjoyed looking at the new equipment including the fancy ICOM offerings at their display. I knew someone would bring out a large solid state amp and ICOM did. I don't know the cost but it is so big it goes under the operating desk and moves around on large rollers. It boasts of a 100% duty cycle, 1 kw output and looks to be about 4 or 5 times larger than its 500 watt, solid state brother.

In one of my "in between" moments, I was browsing through the '89 Call Book. It makes interesting reading for us DX buffs. For instance did you know that there are 28 countries that list 5 or fewer amateur licenses? Three countries, FW, Wallis and Fortuna, 5H1, Zanzibar, and 7Z, Saudi Arabia have only one listed ham license each. The U.S. (48 states) leads the pack with 448,848 followed by Japan? No! West Germany? No! England? No! I figured all along it had to be the JAs but I was wrong. The YB-YHs have second place. That's Indonesia for the uninitiated. They list 61,351 licenses issued. Next comes DA-DP, West Germany with 60,903, G, England with 58,268, and EA-EH, Spain rounds out the top five at 37,332.

Where are all those JAs coming from you ask. Well according to the Call Book listing of licenses issued, Japan ranks only 6th in the world with 34,008 amateurs. The rest of the top ten would include, in order, LU-LW, Argentina 31,330, VE, Canada, 24,395, PP-PY Brazil 22,422 and YV-YW Venezuela 21,916.

There are only 7 more countries with 10,000 or more licenses issued. They are, again in order, R, U, 4K, Soviet Union, PA-PI Netherlands, I-IZ Italy, VK, Australia, F, France, SJ-SM Sweden and OZ, Denmark. So you see there are lots of us and not too many of them. I still don't understand about the JAs. All 34,008 of them must be active.

If you want to know from where your competition comes, the Call Book has an answer for us there too. The 4th District (generally the Southeast US) lists 87,380 hams, followed by the 6th District (California, Hawaii) with 67,196. Texas and surrounding states, the 5th District, is in third place at 47,642 followed by us, the 7th District, with 43,879.

Looking for the state with the most hams? You guessed it weighing in with more hams than any other place on earth (except the US itself) is California. They have

64,744 hams listed. If you don't like quite that much QRM, try Wyoming with just 1,012 or Delaware with 1,066.

The Call Book also has some other interesting lists. They list the Postal Union countries that accept IRCs and how many are needed to get a QSL back to the US. IRCs you'll remember are those expensive, \$0.95 coupons used as international reimbursement for postage. There are 15 countries that require 5 IRCs for an airmail letter to the US. From the African country of Malawi, 7Q, it takes 6, count 'em, 6 IRCs. That's \$5.70 plus the \$0.45 to get your card there for a total of \$6.15 just to try to get a QSL. Of course 7Q is quite rare so it is probably worth it.

I was particularly interested in a new listing found on page 36A of the Call Book (North American issue). You will find the "USSR OBLAST LIST." The USSR is divided up into 184 administrative regions called Oblasts. Many hams try to work all of them and collect their QSLs. In fact there are a number of Soviet DXpeditions just to rare Oblasts. Kind of like folks in the US who try to put on rare counties. I am particularly fond of Oblast number 59. All alone the name would be a good code practice test. Try Voroshilovgradskaya as the name of this Oblast.

The International listing of the 1989 Call Book contains the same information to which I have been referring. Even the page numbers are the same. They are a great pair of books but a little on the spendy side (probably a lot on the spendy side) at \$29 for the International one and \$26 for the North American listing.

Have fun browsing through these great books one of these days. A lot of the information in them will help you not only in QSLing but also in finding and working that elusive DX. Good luck and...

73 (and 88 where appropriate) Greg - W7AGQ

UPCOMING PROGRAMS

August

Carl Crain

Washington County Woodcutters Inc.

September

David Brown

Army Corps of Engineers

Words from the President

By Ray Deeth, K7VDQ

I would like this six month report to begin with the Preamble to the OTVARC Constitution.

"It shall be our purpose to foster goodwill and cooperation between all radio services, to be instrumental in helping the beginning or prospective Amateur Radio Operator sustain their interest and become properly licensed, to afford those active in the Amateur Radio Operators, to promote radio knowledge, fraternalism and individual operation especially, but not limited to the Amateur Radio Emergency Service in Washington county, Oregon, and to so conduct club programs and activities as to advance the general interest and welfare of the Amateur Radio Service in the Community."

Every meeting these past six months has demonstrated a diverse group of individuals with a common purpose. In addition, many members expressed or showed multi-talents when help was needed in building towers, increasing code speed, trouble shooting circuit problems or just wanting to talk. As your president, I am proud to be associated with such poised and dedicated AMATEURS.

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB OBJECTIVES AND GOALS

The purpose and intent of the OREGON TUALATIN VALLEY AMATEUR RADIO CLUB is to promote the advancement of Amateur Radio Service and develop the following five OBJECTIVES AND GOALS.

1. Public Service

Provide communications during public events, community activities or any local disasters which may occur. Inform and demonstrate to the public the capabilities of Amateur Communications.

2. Emergency Communications

Be prepared to provide communications during any emergencies or disasters.

3. Education

Provide educational programs for the licensed amateur to advance their technical knowledge and/or for upgrading their license. Provide additional educational programs for those who express the interest of becoming a licensed amateur.

4. Hobby

Provide an environment which will enhance the hobby aspects of amateur radio.

5. Social

Provide and encourage social events where amateurs and their families can socialize together in a relaxing environment for the purpose of exchanging ideas and/or just talking about old times.

IN YOUR INTEREST OTVARC ASSETS AND LIABILITIES

ASSETS	LIABILITIES
\$1861.00 Cash on hand Checking Account	\$0 Outstanding amounts due on debts
\$4450.00 Money in Saving Account	\$0 Any amounts committed to projects
\$2115.00 Market value club HF Equipment, i.e. antennas, etc.	\$0 Any other liabilities
\$750.00 Market value club trailer	
\$2000.00 Market value club office equipment, i.e. copiers & misc. items	
\$939.00 Other assets	
\$12,115.00 Total Assets	\$0 Total Liabilities
\$12,115.00 Total Assets - \$0 Total Liabilities = \$12,115.00 Net Worth	

HOLIDAY FESTIVAL DECEMBER 13, 1989 REGULAR MEETING

"THE SPIRIT OF SHARING"

(A) Have two boxes available as everyone arrives that evening. (One box for food and a box for toys)

(B) These boxes will be given to the Elks and they will distribute all our items among their Christmas boxes.

(Continued on page 4)

(Words From The President - Continued from page 3)

Festival Meal:

(A) Provide a buffet dinner with one or two main entrees such a Prime Rib or suggestions are welcomed.

Details:

A Masters of Ceremony (MC) would MC the evening social event. Hopefully, a TV personality or some noted individual in the community could MC the program. The Elks may have a small stage available from the talent show. Please don't be bashful and step forward to offer your talent for the OTVARC TALENT SHOW.

Entertainment:

Pursue the CLUB for talent to provide about 15 to 20 minutes of entertainment.

Financing the festival Event:

It has been suggested a charge of \$2.50 per person or \$5.00 a couple for the purpose of obtaining a commitment from the members in ordering the buffet dinner. Any additional cost would be financed by the club. This would be an end of the year thanks to all the hard working and dedicated members of OTVARC.

Letter To The Editor

Dear OM:

The SEAPAC 89 was very good this year. The YL and I had a very good time, and the weather was perfect. I am letting you know who the prize winners were in the drawing that we held in the N7CTY HAM PROGRAM booth. The first prize, which was a complete software package (N7CTY HAM PROGRAM, 4 QSL UPDATE DISKS, AND A CONTESTER PACKAGE), was won by Marsha Messer, N7LNC. The winners of the 4 beam heading hard copies were Ed (WX7C), L. Kato (KB7HGF), Ward (N0AX), and Scott (KE7LE). We also gave away 4 contest packages for the SEAPAC drawings, but do not have the winners listed. Thanks again for a very well ran convention. 73's from Bob (N7CTY) and Elaine (KA7LCC).

N7CTY HAM Programs
P.O. Box 738
Cornelius, OR 97113

(Editors Note: Letters or other comments directed towards OTVARC are always welcome)

OREGON TUALATIN VALLEY AMATEUR RADIO CLUB

Executive Board

Feel free to contact the Board of OTVARC to answer any questions you may have on anything.

President:	Ray Deeth	K7VDQ	324-4502
Vice Pres:	Janet Bell	WB7FJC	648-4147
Secretary:	Steve Coan	KA7MOW	646-5271
Treasurer:	Sue Benson	N7EPE	640-1989
Trustee:	Al Berg	WB7SIC	640-5456
Trustee:	Bud Butterfield	KC7PS	649-1523
Trustee:	Pat Griffiths	KA7UFG	649-0837
Trustee:	John Koenig	NB7W	641-3575
Trustee:	Terry Biggs	WB7CHK	648-3687

Other Club Contacts

Club Emergency Services Coordinator:

Chris Black N7MWL 697-3076

Club Trailer / Club Equipment / Technical:

Dee Lynch KA7NPN 646-4580
Terry Biggs WB7CHK 648-3687

Health and Welfare:

Al Berg WB7SIC 640-5456

Newsletter:

Jeff Durr KA7AKU 649-6832

The OVARC NEWSLETTER is published monthly by the Oregon Tualatin Valley Amateur Radio Club, Inc. The opinions, views and recommendations of its contributors are not necessarily those of the Club, it's officers, advertisers or the Editorial Staff. Articles or letters may be submitted to: Jeffrey A. Durr, KA7AKU, Editor, 20320 S.W. Clarion Street, Aloha, Oregon 97006. Deadline for all newsletter material is the 25th of the preceding month.

Meetings are held on the second Wednesday of each month at the Beaverton Elks Lodge, 3500 S.W. 104th Avenue, Beaverton, Oregon. Meetings begin at 7:00 P.M. following a buffet dinner served at 6:15 P.M.

All correspondence other than for this newsletter should be sent to: Oregon Tualatin Valley Amateur Radio Club, Post Office Box 5132, Beaverton, Oregon 97006-0132.

WASHINGTON COUNTY
A.R.E.S. NET

TUESDAY 7PM 147.04

A.R.E.S. MEMBERS
FORMER A.R.E.S. MEMBERS
ANY INTERESTED AMATEURS

Emergency Service Information Form

Name _____ Call _____ Home Phone _____
Street Address _____ Work Phone _____
City _____ State _____ Zip Code _____

If an emergency arose, could you be released from work quickly? Yes _____ No _____

Do you have any First Aid Training? Yes _____ No _____ If yes, what level _____

Would you attend First Aid classes if offered to you? Yes _____ No _____

Have you had any Oregon State Sheriff Certification training? Yes _____ No _____

Would you attend classes for Emergency Service Training? Yes _____ No _____

Do you have any teaching skills in the area of Emergency Services or Radio Communication you would be willing to teach? Yes _____ No _____ If yes, type _____

In an emergency situation, would there be any other group which may call upon you for assistance? Yes _____ No _____ If yes, what group? _____

Do you have any physical disability or other condition which would limit your activity in an Emergency? Yes _____ No _____ If yes, explain _____

Are you a smoker? Yes _____ No _____

In case of an Emergency, who should be notified? _____

Relationship _____ Address _____

City _____ State _____ Phone _____

Speciality Skills: Pilot _____ Mountain Climber _____ Hiker _____ Ski-Patrol _____

Scuba Diver _____ Registered Nurse _____ Doctor _____ Other experience you have

which may be helpful in an Emergency? _____

Do you speak a second language? Yes _____ No _____ If yes, which language? _____

Do you know sign language? Yes _____ No _____

Specialty Equipment you either have or would have access to immediately: Plane _____

Four Wheel Drive _____ Truck _____ Motorcycle _____ Boat _____ Snow Mobile _____

Camper _____ Mobile Home _____ Other _____

Check the following radio equipment you would have available in an Emergency:

	Hand- Held	120V Base Only	12V Portable	Amplifier/ PEP	Antenna Port./Fix./Mobile	Freq. Restriction s? (list)
440	_____	_____	_____	_____	_____	_____
220	_____	_____	_____	_____	_____	_____
2 m	_____	_____	_____	_____	_____	_____
6 m	_____	_____	_____	_____	_____	_____
HF	_____	_____	_____	_____	_____	_____

Other type of radios: _____

List quantity of spare battery packs for above hand helds: _____

Do you have a portable generator? Yes _____ No _____ If yes, what size _____

Do you have any 120VAC to 12VDC power supplies? Yes _____ No _____ If yes, amps _____

Do you have a portable 12VDC Scanner? Yes _____ No _____ If yes, coverage _____

If an Emergency arose, how soon would you be able to respond with above listed

equipment and other necessary provisions if you were at home? _____ At work? _____

Are you a current ARES member? Yes _____ No _____ If yes, card expiration date _____

Are you interested in helping in Public Service type events? Yes _____ No _____

Please include with this any additional comments and suggestions you may have

for the Public/Emergency Service Committee. Thank you for taking time to fill

out this form.

DAN'S CUSTOM CARPET SERVICE

Fringing & Binding is Our Speciality

DAN DOBSON - KR7Z

7715 S.E. 92nd Avenue
Portland, Oregon 97266
775-5513



COME FLY WITH US CIVIL AIR PATROL

AID IN EMERGENCIES

JANET BELL - WB7FJC

648-4147

Support C.A.P. - Get Lost!

NOW OFFERING RESPITE CARE

MT. ST. JOSEPH'S

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3060 S.E. STARK STREET - PORTLAND
(503) 232-6193

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Volunteers Needed! The Dougy Center

is a support center
for children and their
families who have lost a loved one.
We need daytime and evening volunteers.
If you can give a few hours a month please call.

775-LOVE

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Oregon Tualatin Valley Amateur Radio Club
Post Office Box 5132
Beaverton, Oregon 97006-0132

Address Correction Requested

